

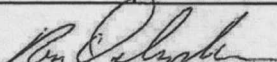
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Form Approved OMB No. 2070-0060

401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date 10/21/2013		EPA Reg.No./File Symbol 1677-164		Page 1 of 3	
Applicant/Registrant Name & Address Ecolab Inc., 370 N. Wabasha Street, St. Paul, MN 55102		Product Tsunami 100			
Ingredient: hydrogen peroxide, peroxyacetic acid					
Guideline	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product Identity	43921801	Ecolab Inc.	OWN	
830.1600	Description of beginning materials	43921801	Ecolab Inc.	OWN	
830.1620	Description of production process	43921801	Ecolab Inc.	OWN	
830.1650	Description of formulation process	43921801	Ecolab Inc.	OWN	
830.1670	Discussion of Formation of Impurities	43921801	Ecolab Inc.	OWN	
830.1700	Preliminary Analysis	43921801	Ecolab Inc.	OWN	
830.1750	Certification of limits	43921801	Ecolab Inc.	OWN	
830.1800	Analytical method	43921801	Ecolab Inc.	OWN	
830.6302	Color	43921801	Ecolab Inc.	OWN	
830.6303	Physical state	43921801	Ecolab Inc.	OWN	
830.6304	Odor	43921801	Ecolab Inc.	OWN	
830.6313	Stability	43921801	Ecolab Inc.	OWN	
830.6314	Oxidation Reduction	43921801	Ecolab Inc.	OWN	
830.6315	Flamability	43921801	Ecolab Inc.	OWN	
830.6316	Explosibility	43921801	Ecolab Inc.	OWN	
830.6317	Storage Stability	46095801	Ecolab Inc.	OWN	
830.6317	Storage Stability accelerated	43921802	Ecolab Inc.	OWN	
830.6319	Miscibility	43921801	Ecolab Inc.	OWN	
830.6320	Corrosion characteristics	46095801	Ecolab Inc.	OWN	
830.6320	Corrosion characteristics accelerated	43921802	Ecolab Inc.	OWN	
830.6321	Dielectric Breakdown	43921801	Ecolab Inc.	OWN	
830.7000	pH	43921801	Ecolab Inc.	OWN	
830.7100	Viscosity	43921801	Ecolab Inc.	OWN	
830.7200	Melting Point	43921801	Ecolab Inc.	OWN	
830.7220	Boiling Point	43921801	Ecolab Inc.	OWN	
830.7300	Density	43921801	Ecolab Inc.	OWN	
830.7370	Dissociation constant	43921801	Ecolab Inc.	OWN	
Signature 			Name and Title Ron Derbyshire Sr. Manager, NA Biocides		Date 10/21/13

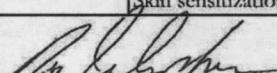
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Applicant/Registrant Name & Address Ecolab Inc., 370 N. Wabasha Street, St. Paul, MN 55102		Product Tsunami 100			
Ingredient: hydrogen peroxide, peroxyacetic acid					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7570	Octanol/Water partition coefficient	43921801	Ecolab Inc.	OWN	
830.7860	Solubility	43921801	Ecolab Inc.	OWN	
830.7950	Vapor Pressure	43921801	Ecolab Inc.	OWN	
870.1100	Acute oral toxicity (concentration)	43921803	Ecolab Inc.	OWN	
870.1200	Acute dermal toxicity (concentration)	CITE ALL	Data Submitters List	PAY	
870.1300	Acute inhalation toxicity (concentration)	CITE ALL	Data Submitters List	PAY	
870.2400	Acute eye irritation (concentration)	CITE ALL	Data Submitters List	PAY	
870.2500	Acute dermal irritation (concentration)	CITE ALL	Data Submitters List	PAY	
870.2600	Skin sensitization (concentration)	CITE ALL	Data Submitters List	PAY	
870.1100	Acute oral toxicity (use dilution)	to be assigned	Ecolab Inc.	OWN	
870.1200	Acute dermal toxicity (use dilution)	CITE ALL	Data Submitters List	PAY	
870.1300	Acute inhalation toxicity (use dilution)	48511802	Data Submitters List	OWN	
870.2400	Acute eye irritation (use dilution)	to be assigned	Ecolab Inc.	OWN	
870.2500	Acute dermal irritation (use dilution)	to be assigned	Ecolab Inc.	OWN	
870.2600	Skin sensitization (use dilution)	CITE ALL	Data Submitters List	PAY	
Signature 			Name and Title Ron Derbyshire Sr. Manager, NA Biocides		Date 10/21/13

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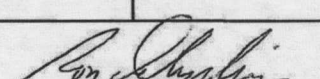
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Date 10/21/2013		EPA Reg.No./File Symbol 1677-164		Page 3 of 3	
Applicant/Registrant Name & Address Ecolab Inc., 370 N. Wabasha Street, St. Paul, MN 55102		Product Tsunami 100			
Ingredient: hydrogen peroxide, peroxyacetic acid					
Guideline					
Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
91-2	Pathogen Reduction in Fruit & Vegetable Process Water	46343901	Ecolab Inc.	OWN	
91-2	Non-Food Contact Surface Sanitizing Efficacy	44214801	Ecolab Inc.	OWN	reference from EPA Reg. 1677-185
91-2	Non-Food Contact Surface Sanitizing Efficacy-Supp.	44214802	Ecolab Inc.	OWN	reference from EPA Reg. 1677-185
91-2	Food Contact Surface Sanitizing Efficacy	44195801	Ecolab Inc.	OWN	reference from EPA Reg. 1677-185
171-4C	Residue on Cantaloupe seeds	45279001	Ecolab Inc.	OWN	
Signature			Name and Title Ron Derbyshire Sr. Manager, NA Biocides		Date 10/21/13

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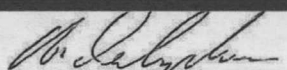
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Ingredient: hydrogen peroxide, peroxyacetic acid					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OWN	
				OWN	
				OWN	
				OWN	
				PAY	
				PAY	
				PAY	
				PAY	
				PAY	
				PAY	
				OWN	
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				OWN	
				OWN	
				OWN	
				PAY	
Signature 			Name and Title Ron Derbyshire Sr. Manager, NA Biocides		Date 10/21/13

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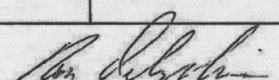
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Applicant/Registrant Name & Address Ecolab Inc., 370 N. Wabasha Street, St. Paul, MN 55102		Product Tsunami 100			
Ingredient: hydrogen peroxide, peroxyacetic acid					
Guideline					
Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OWN	
				OWN	reference from EPA Reg. 1677-185
				OWN	reference from EPA Reg. 1677-185
				OWN	reference from EPA Reg. 1677-185
				OWN	
				OWN	
Signature 			Name and Title Ron Derbyshire Sr. Manager, NA Biocides		Date 10/21/13


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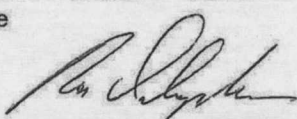
Date	October 21, 2013	EPA Reg. No./File Symbol	1677-164	Page	1 of 1
Applicant's/Registrant's Name & Address Ecolab Inc 370 Wabasha Street North St. Paul, MN 55102		Product Tsunami 100			
Ingredient: Hydrogen Peroxide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS Series 835	Environmental Fate waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
OPPTS Series 850	Non-target Organisms Ecological effects waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
OPPTS Series 860	Residue Chemistry	All appropriate tolerances or exemptions from tolerance have been established.			
OPPTS Series 870	Toxicology Requirements waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
OPPTS Series 875	Occupational / Residential Exposure waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
OPPTS Series 830	Product Chemistry Requirements Sufficient for Continued Registration as per the 2009 Registration Review	All appropriate product chemistry data requirements satisfied.			
Signature 		Name and Title Ron Derbyshire, Sr. Manager, NA Biocides		Date 10/21/13	

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Date	October 21, 2013	EPA Reg. No./File Symbol	1677-164	Page	
Applicant's/Registrant's Name & Address		Product			
Ecolab Inc		Tsunami 100			
370 Wabasha Street North					
St. Paul, MN 55102					
Ingredient: Peroxyacetic Acid					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
OPPTS Series 835	Environmental Fate waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
OPPTS Series 850	Non-target Organisms Ecological effects waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
OPPTS Series 860	Residue Chemistry	All appropriate tolerances or exemptions from tolerance have been established.			
OPPTS Series 870	Toxicology Requirements waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
OPPTS Series 875	Occupational / Residential Exposure waived as per Peroxy Compounds RED 1993.	WAIVED		WAIVED	
Signature		Name and Title		Date	
		Ron Derbyshire, Sr. Manager, NA Biocides		10/21/13	